

Abstract

An artificial stone material having an improved natural stone appearance and texture is prepared from thermosetting resin, curing agent, microspheres and additives.

The resin and curing agent are thoroughly mixed to form a catalyzed resin mixture. The microspheres are added to the catalyzed resin mixture and mixed to a viscosity of about 950×10^6 to about 1590×10^6 to form a catalyzed base material. The additives are worked into the catalyzed base material to provide a catalyzed stone mixture having a desired natural stone appearance. The catalyzed stone mixture is molded or applied to a surface at the point of use and allowed to cure to form the artificial stone material.